From: Deener, Kathleen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B9A2FF1C086249EA8F6414AFDE8A5E54-DEENER, KATHLEEN]

Sent: 10/5/2016 10:48:22 PM

To: Bahadori, Tina [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7da7967dcafb4c5bbc39c666fee31ec3-Bahadori, Tina]; Slimak, Michael

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=197d6551afaf4d90b087c4d5bf62b53c-Slimak, Mike]; Ross, Mary

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=98359cd1f66f46ec91d327e99a3c6909-Ross, Mary]; Burke, Thomas

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=39ffc3dd34ea495b9a31e61b778fbbec-Burke, Thom]; Kavlock, Robert

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=eebac67f01094409a7fdaa955a837884-Kavlock, Robert]; Cogliano, Vincent

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]; Thomas, Russell

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=12f119e7a3ee447499f3d6ab5d20daeb-Thomas, Rus]; Flowers, Lynn

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]; Gwinn, Maureen

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4bdc5237a5c440a7b664518e23eb5647-Gwinn, Maureen]; Vandenberg, John

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Attachments: Innovating Chemical Risk Assessment_Key Messages for Paper_10.5.16_V.2.docx

I failed to include one set of key messages in the document – my apologies! Here's a revised version.

Kacee Deener, MPH
Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | (mobile) | Personal Matters / Ex. 6
deener.kathleen@epa.gov

From: Bahadori, Tina

Sent: Wednesday, October 05, 2016 6:29 PM

To: Deener, Kathleen <Deener.Kathleen@epa.gov>; Slimak, Michael <Slimak.Michael@epa.gov>; Ross, Mary

Cogliano, Vincent < cogliano.vincent@epa.gov>; Thomas, Russell < Thomas.Russell@epa.gov>; Flowers, Lynn

<Flowers.Lynn@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

l completely agree with your	perspectives on PH, but, my issue is [Deliberative Process / Ex. 5
	Deliberative Process / Ex. 5	

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

From: Deener, Kathleen

Sent: Wednesday, October 05, 2016 3:23 PM

To: Slimak, Michael <Slimak.Michael@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary

<Ross.Mary@epa.gov>; Burke, Thomas <Burke.Thomas@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>;

Cogliano, Vincent < cogliano, vincent@epa.gov>; Thomas, Russell < Thomas.Russell@epa.gov>; Flowers, Lynn

<<u>Flowers.Lynn@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Deliberative Process / Ex. 5

Just my two cents.

For anyone who's interested, here's some info about Public Health 3.0: https://www.healthypeople.gov/2020/tools-resources/public-health-3

I've also attached a commentary that Karen DeSalvo, an Assistant Secretary for Health at HHS, wrote for the American Journal of Public Health about public health 3.0.

Kacee Deener, MPH
Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | Personal Phone / Ex. 6
deener.kathleen@epa.gov

From: Slimak, Michael

Sent: Wednesday, October 05, 2016 12:43 PM

To: Bahadori, Tina 8ahadori.Tina@epa.gov; Ross, Mary Ross.Mary@epa.gov; Deener, Kathleen

<Deener.Kathleen@epa.gov>; Burke, Thomas <Burke.Thomas@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>;

Cogliano, Vincent < cogliano.vincent@epa.gov>; Thomas, Russell < Thomas.Russell@epa.gov>; Flowers, Lynn

<<u>Flowers.Lynn@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

From: Bahadori, Tina

Sent: Tuesday, October 04, 2016 7:15 PM

To: Ross, Mary Ross Mary@epa.gov">Ross Mary@epa.gov; Deener, Kathleen Deener, Kathleen@epa.gov; Burke, Thomas

<<u>Burke.Thomas@epa.gov</u>>; Kavlock, Robert <<u>Kavlock.Robert@epa.gov</u>>; Cogliano, Vincent <<u>cogliano.vincent@epa.gov</u>>;

Slimak, Michael <Slimak.Michael@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Flowers, Lynn

<<u>Flowers.Lynn@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

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Deliberative Process / Ex. 5

While I agree with Mary that many of these points are relevant (or even more relevant) to eco risk assessments, it may be difficult to straddle both universes seamlessly given the emotiveness of 'public health protection.'

Tina

From: Ross, Mary

Sent: Sunday, October 02, 2016 7:17 PM

To: Deener, Kathleen <<u>Deener.Kathleen@epa.gov</u>>; Burke, Thomas <<u>Burke.Thomas@epa.gov</u>>; Kavlock, Robert

<<u>Kavlock.Robert@epa.gov</u>>; Cogliano, Vincent <<u>cogliano.vincent@epa.gov</u>>; Slimak, Michael

<<u>Slimak.Michael@epa.gov</u>>; Thomas, Russell <<u>Thomas.Russell@epa.gov</u>>; Bahadori, Tina <<u>Bahadori, Tina@epa.gov</u>>;

Flowers, Lynn < Flowers. Lynn@epa.gov>; Gwinn, Maureen < gwinn.maureen@epa.gov>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: Re: Innovations In Chemical Risk Assessment Weekly Meeting

Hi everyone. I wanted to get a head start and do my homework over the weekend, so I'll forward what I have as key messages here. They are a little boring, I'm afraid, but I'll share hoping it's a starting point for others to make more interesting. I don't have comments on the table yet, but will look at it soon.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

From: Deener, Kathleen

Sent: Friday, September 30, 2016 11:21 AM

To: Burke, Thomas; Kavlock, Robert; Cogliano, Vincent; Slimak, Michael; Thomas, Russell; Bahadori, Tina; Flowers, Lynn;

Gwinn, Maureen; Ross, Mary; Vandenberg, John

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Attached are two documents for your review:

- 1. The general attributes table (with an updated title to reflect a portfolio approach to risk assessment)
- 2. An updated (and very concise) outline for the paper (also reflecting the title change)

Action items before our next meeting (DUE BY COB TUESDAY OCT. 4) are:

- 1. Review the table and flag anything that doesn't make sense or that raises a concern
- 2. Send the 5 key messages that you think the paper should deliver (what are the 5 main take away messages you want someone to have after reading the paper)

Thanks,

Kacee Deener, MPH

Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | Personal Phone / Ex. 6 |
deener.kathleen@epa.gov

----Original Appointment----

From: Gentry, Nathan On Behalf Of Burke, Thomas

Sent: Tuesday, June 28, 2016 12:10 PM

To: Burke, Thomas; Kavlock, Robert; Cogliano, Vincent; Slimak, Michael; Thomas, Russell; Bahadori, Tina; Deener,

Kathleen; Flowers, Lynn; Gwinn, Maureen; Ross, Mary; Vandenberg, John

Subject: Innovations In Chemical Risk Assessment Weekly Meeting

When: Thursday, October 06, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 41209 RRB; Call-in: Teleconference Line / Ex. 6